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Press Release:
New module Neo Trinity

We are thrilled to introduce our newest Eurorack module, **Neo Trinity**. It is a compact 6-channel modulation hub that combines knob and trigger recording, LFOs, CVs, and envelope generators. This module is a spiritual successor to our renowned hex modulation superhero, CV Trinity (released in 2016). Neo Trinity is designed with performance in mind, offering great musical complexity achievable with simple gestures. With Neo Trinity, building compact systems finally makes sense.

Ultimate automatable modulation hub
Each of the Neo Trinity´s 6 channels can be either LFO, envelope generator, or a CV knob recorder, while their main parameter can be automated with the REC button.

Each channel also features a recordable trigger generator with an algorithmic fill feature to get the inspiration started or to make things polymetric and keep your patches ever-changing. Use the SHIFT button to change modulation shapes and sync selected or all channels to an internal or external clock.

Since Neo Trinity has been designed with performance in mind, it includes channel mutes and allows storing whole presets as banks.

Easy to control with complex possibilities
While the core mechanics of the module are very straightforward, the inclusion of assignable CV inputs exponentially increases the complexity of the module's behavior. Control some or all channels in different ways with the META IN and utilize channels' E and F dedicated inputs. The inputs can control the main parameter in a positive or inverted way, control the output amplitude, and act as an external trigger or a trigger for the internal Sample & Hold function. The CV knob recorder mode also acts as a quantizer, and when combined with the CV inputs, it turns into a handy voltage processor.

Neo Trinity will be released on January 11, 2024, 7pm CET, priced at €290 excluding VAT.
Available from the Bastl Store and our retailers.

To celebrate its musicality, we produced a video clip featuring HRTL.

More information can be found on the product page.
Download assets from the press kit.

NEO TRINITY

Features

- 6 independent channels of either LFO, ENV or CV
- Indication per channel
- Unipolar (0–5V) or bipolar (-5V to +5V) mode per channel
- LFO shapes (with smoothing): saw, triangle (sine), ramp, pulse, random (smooth)
- LFO range: 260s–180Hz
- LFO sync (RATE knob sets divider)
- ENV shapes: decay, attack, variable, pulse
- ENV range: 1ms–8s
- ENV retrigable or non-retrigable
- ENV slew limiter mode (or AHR envelope with gates)
- CV mode with quantization (ON/OFF, 8 scales, 2V or 5V range, smoothing)
- All modes have automatable RATE knob and trigger sequences
- Independent length of automation per channel (2–64 steps)
- Clock-quantized or non-quantized trigger recording
- Algorithmic trigger fill generator (6 algorithms with a knob parameter)
- Mute per channel
- Memory for 6 banks (all settings and automations)
- Clock Reset input for automation (can be turned OFF – per channel)
- CLK channel for setting tempo or for dividing/multiplying external clock
- Internal CLK generator range: 35 BPM–420 BPM
- CLK IN and CLK OUT connectors
- META IN CV input – assignable independently to some or all channels
- Channels E and F feature dedicated CV inputs
- All CV inputs have adjustable function: positive/negative and attenuated RATE modulation, bipolar VCA at channel output, TRIG input (slew input), Sample & Hold (for triggered stepped waveforms)
- Firmware updates via USB-C
- User calibration of outputs and inputs (for quantizer precision)

Technical details

- 8 HP
- PTC fuse and diode protected 10 pin power connector
- 24 mm deep
- Current consumption: +12 V: <100 mA; -12 V: <35 mA